

## Experiment Details for Session 5: **CANDY**

**Reminder:** All experiments recreated at home should be done under the supervision of a parent or guardian to ensure the safety of the child. No experiments listed should cause any harm!

### **Rainbow M&Ms**

Materials:

1. M&Ms
2. Any plate/bowl/dish
3. Warm water

Procedure:

1. Place the M&Ms in a circle on the edge of the plate (you can do any pattern to see the reaction but a circle looks coolest!)
2. Slowly pour warm water into the center of the circle (continue to add more if necessary)
3. Wait for about 15 seconds and watch the rainbow reaction occur!

### **Growing Gummy Bears**

Materials:

1. Gummy bears
2. 3 bowls
3. Water
4. A spoon

Procedure:

1. Take out 3 different colors of gummy bears! (Any color of your choice!)
2. In each bowl, pour some water
3. Place one gummy bear into each bowl
4. Let it sit for 24 hours!
5. After 24 hours, carefully take the gummy bears out of the bowl with a spoon.
6. Compare the size with dry gummy bears!

### **Exploding Pop Rockets**

Materials:

1. Mini M&M tube (any small cylindrical container with a lid should work!)
2. Alka Seltzers (Antacid)
3. Paper
4. Tape
5. Scissors

6. Colored Markers/Sharpies (optional)
7. Water

Procedure:

1. Design a paper rocket to put around your mini M & M or other small cylindrical tube/container (be careful while using scissors!)
2. Attach the paper rocket to the mini M&M tube using tape
3. Detach the mini M&M lid and add about 1 teaspoon of water to the tube
4. Drop in 1 alka seltzer tablet
5. Quickly close the lid, shake, and put your rocket down
6. Watch your mini rocket launch!!